

TRANSPORT OF CALLER IDENTIFICATION INFORMATION
THROUGH DIVERSE COMMUNICATION NETWORKS

ABSTRACT OF THE DISCLOSURE

A voice call is transported through diverse network paths including a switched telephone network and a wide area data internetwork, for example, the Internet. In routing the call, common channel signalling is used to provide data identifying a calling subscriber line from a calling PSTN, which information can then be transported through the separate data internetwork to the destination PSTN, at which the data is then extracted and sent to the called subscriber line while completing routing of the call. A route for the call is established at gateways connected to the data internetwork at the interface points with the calling and destination PSTNs, calling subscriber line information and dialed digit information being conveyed to the gateways. The destination end gateway initiates a call connection to the calling subscriber line via the destination PSTN to complete routing of the call, while supplying identification of the calling subscriber line in a form recognized as such by the called PSTN. The called party central office can then provide caller ID services.